

1. A method of controlling one or more vehicular-related devices, comprising
- 2 the steps of:

sensing the position or motion of a driver or passenger of a vehicle; and

- 4 controlling a device associated with the operation, safety or comfort of the vehicle
- in accordance with the sensed position or motion.

2. The method of claim 1, wherein the motion includes a hand or body
- 2 gesture.

3. The method of claim 1, wherein the device is associated with
- 2 entertainment.

4. The method of claim 1, including the adjustment of car seating restraints
- 2 based on head position.

5. The method of claim 1, including the deployment of an airbag based on
- 2 the position, velocity or acceleration of a person in a vehicle seat.

6. The method of claim 5, further including the control of the velocity or
- 2 orientation of the airbag based upon body position, velocity or acceleration.

7. The method of claim 1, further including the control of a device external to
2 the vehicle.

8. A system for controlling one or more vehicular-related devices,
2 comprising:

a device for sensing the position or motion of the head, body, or other body parts
4 of a driver or passenger of a vehicle;

a tracking system for tracking the head, body, or other body parts;

6 a gesture/behavior recognition system for recognizing and identifying the person's
motions; and

8 a controller for controlling devices associated with the vehicle, whether
under active or passive control by the vehicle occupant.

9. The system of claim 8, wherein the device for sensing is a video
2 camera.

10. The system of claim 8, wherein the device is associated with
2 entertainment.

11. The system of claim 8, including the adjustment of car seating restraints
2 based on head position.

12. The system of claim 8, including the deployment of an airbag based on the
2 position, velocity or acceleration of a person in a vehicle seat.

13. The system of claim 12, further including the control of the velocity or
2 orientation of the airbag based upon body position, velocity or acceleration.

14. The system of claim 8, further including the control of a device external to
2 the vehicle.